

Abstract of the Disclosure

A system for efficient streaming of media content from a client content provider to individual Internet destinations has an Internet-connected base server for job initialization and tracking; and a matrix of Internet-connected node servers, at least some of which are to receive the streaming media content. The client, the base station and the node servers each execute cooperative software, wherein a client requests a job session of the base server, specifying dimensions of the job, and the base server creates a unique job object defining the job, receives the streaming content from the client, governs distribution of the streaming content to the matrix of node servers according to the job object, and notifies the client content provider of progress and completion. A single client can create multiple job objects to be prosecuted in tandem by the base server, and a base server can handle jobs from multiple clients. Cascaded streaming is supported, including optimization techniques and monitoring a repair of nodes.

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